

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 9 | ("3781574" "4463383" "4816768" "5898168" "5929434" "6344651" "6417504" "6480227" "6791613").PN. | USPAT | OR | OFF | 2005/05/03 14:26 |
| L11 | 0 | 10/621775 | US-PGPUB; USPAT | OR | OFF | 2005/05/03 15:35 |
| L12 | 45 | (readout adj circuit).ti. | USPAT | OR | OFF | 2005/05/03 16:33 |
| L13 | 3 | 12 and "324"/\$.ccls. | USPAT | OR | OFF | 2005/05/03 16:30 |
| L14 | 343 | 324/111.ccls. | USPAT | OR | OFF | 2005/05/03 16:30 |
| L15 | 343 | 324/111.ccls. | US-PGPUB; USPAT | OR | ON | 2005/05/03 16:30 |
| L16 | 22 | 15 and readout | US-PGPUB; USPAT | OR | ON | 2005/05/03 16:33 |
| S1 | 288 | "324"/\$.ccls. and (current adj voltage adj (convert\$3 conversion)) | USPAT | OR | ON | 2004/10/06 13:09 |
| S2 | 112 | S1 and ((op-amp opamp amplifier) with feedback) | USPAT | OR | ON | 2004/10/06 13:10 |
| S3 | 2 | S2 and ((op-amp opamp amplifier) with (feedback near3 transistor)) | USPAT | OR | ON | 2004/10/06 16:45 |
| S4 | 653 | 324/426-428.ccls. | USPAT | OR | ON | 2004/10/06 13:19 |
| S5 | 213 | S4 and (op-amp opamp amplifier) | USPAT | OR | ON | 2004/10/06 13:19 |
| S6 | 1 | S5 and (readout adj circuit) | USPAT | OR | ON | 2004/10/06 13:20 |
| S7 | 1 | S4 and (readout adj circuit) | USPAT | OR | ON | 2004/10/06 13:20 |
| S8 | 120 | S5 and transistor | USPAT | OR | ON | 2004/10/06 13:20 |
| S9 | 55 | S8 and feedback | USPAT | OR | ON | 2004/10/06 13:21 |
| S10 | 16 | S5 and (transistor with feedback) | USPAT | OR | ON | 2004/10/06 13:21 |
| S11 | 6 | (US-5502299-\$ or US-5650608-\$ or US-6727521-\$ or US-4142150-\$ or US-5252864-\$ or US-4181885-\$ or US-5530361-\$ or US-4816768-\$ or US-4558281-\$).did. | USPAT | OR | OFF | 2004/10/06 13:22 |
| S12 | 15 | S10 not S11 | USPAT | OR | OFF | 2004/10/06 13:22 |
| S13 | 9 | (US-5502299-\$ or US-5650608-\$ or US-6727521-\$ or US-4142150-\$ or US-5252864-\$ or US-4181885-\$ or US-5530361-\$ or US-4816768-\$ or US-4558281-\$).did. | USPAT | OR | OFF | 2004/10/06 14:13 |
| S14 | 1 | S13 and (current adj mirror) | USPAT | OR | ON | 2004/10/06 14:15 |
| S15 | 54 | "324"/\$.ccls. and (current adj sens\$3) and (current adj mirror) | USPAT | OR | ON | 2004/10/06 14:26 |
| S16 | 19 | S15 and (charg\$3 with capacitor) | USPAT | OR | ON | 2004/10/06 16:48 |
| S17 | 16 | S16 and amplifier | USPAT | OR | ON | 2004/10/06 14:27 |

| | | | | | | |
|-----|-----|---|--------------------|----|-----|------------------|
| S18 | 9 | S16 and (operational adj amplifier) | USPAT | OR | ON | 2004/10/06 14:28 |
| S19 | 771 | 365/185.21.ccls. | USPAT | OR | OFF | 2004/10/06 16:51 |
| S20 | 1 | S19 and ((op-amp opamp operational adj amplifier) with (feedback near2 transistor)) | USPAT | OR | ON | 2004/10/06 16:46 |
| S21 | 130 | S19 and (charg\$3 with capacitor) | USPAT | OR | ON | 2004/10/06 16:48 |
| S22 | 1 | S21 and (readout adj circuit\$2) | USPAT | OR | ON | 2004/10/06 16:48 |
| S23 | 771 | 365/185.21.cccls. | USPAT | OR | OFF | 2004/10/06 16:48 |
| S24 | 2 | ("4463383" "6480227").PN. | USPAT | OR | OFF | 2004/10/06 16:52 |
| S25 | 1 | "5970337".pn. | USPAT | OR | OFF | 2004/10/05 17:29 |
| S26 | 1 | "5965875".pn. | USPAT | OR | OFF | 2004/10/05 17:31 |
| S27 | 0 | (09/884863 10/103304).pn. | US-PGPUB; USPAT | OR | OFF | 2004/10/05 17:32 |
| S28 | 1 | "6727521".pn. | USPAT | OR | OFF | 2004/10/05 17:33 |
| S29 | 18 | ("3971065" "4011016" "4238760" "4309604" "4613895" "4651001" "4677289" "4772335" "5397734" "5502299" "5668596" "5739562" "5872371" "5883421" "5889315" "5899714" "5965875" "6078037") .PN. | USPAT | OR | OFF | 2004/10/06 08:53 |
| S30 | 1 | (("3971065" "4011016" "4238760" "4309604" "4613895" "4651001" "4677289" "4772335" "5397734" "5502299" "5668596" "5739562" "5872371" "5883421" "5889315" "5899714" "5965875" "6078037") .PN.) and (current adj mirror) | USPAT | OR | ON | 2004/10/05 17:37 |
| S31 | 18 | ("3971065" "4011016" "4238760" "4309604" "4613895" "4651001" "4677289" "4772335" "5397734" "5502299" "5668596" "5739562" "5872371" "5883421" "5889315" "5899714" "5965875" "6078037") .PN. | USPAT | OR | OFF | 2004/10/05 17:41 |
| S32 | 6 | (("3971065" "4011016" "4238760" "4309604" "4613895" "4651001" "4677289" "4772335" "5397734" "5502299" "5668596" "5739562" "5872371" "5883421" "5889315" "5899714" "5965875" "6078037") .PN.) and ("250"/\$.cccls. | USPAT | OR | OFF | 2004/10/05 17:45 |
| 633 | 45 | 250/208.5.cccls. | USPAT | OR | OFF | 2004/10/05 17:45 |

| | | | | | | |
|-----|------|---|-------|----|-----|------------------|
| S34 | 19 | ("3971065" "4011016" "4238760" "4309604" "4318115" "4613895" "4651001" "4677289" "4772335" "5397734" "5502299" "5668596" "5739562" "5872371" "5883421" "5889315" "5899714" "5965875" "6078037").PN. | USPAT | OR | OFF | 2004/10/06 08:37 |
| S35 | 0 | "6727521".URPN. | USPAT | OR | OFF | 2004/10/06 08:38 |
| S36 | 78 | 324/609.ccls. | USPAT | OR | OFF | 2004/10/06 08:56 |
| S37 | 0 | 324/609.ccls. and (readout adj circuit) | USPAT | OR | ON | 2004/10/06 13:19 |
| S38 | 96 | "324"/\$.ccls. and (readout adj circuit) | USPAT | OR | ON | 2004/10/06 09:01 |
| S39 | 8 | "324"/\$.ccls. and ((readout adj circuit) with feedback) | USPAT | OR | ON | 2004/10/06 09:08 |
| S40 | 288 | "324"/\$.ccls. and (current adj voltage adj (convert\$3 conversion)) | USPAT | OR | ON | 2004/10/06 13:08 |
| S41 | 70 | "324"/\$.ccls. and ((current adj voltage adj (convert\$3 conversion)) same feedback) | USPAT | OR | ON | 2004/10/06 09:10 |
| S42 | 0 | ("324"/\$.ccls. and ((current adj voltage adj (convert\$3 conversion)) same feedback)) and (clamp\$3 near3 (input adj voltage)) | USPAT | OR | ON | 2004/10/06 09:11 |
| S43 | 1 | ("324"/\$.ccls. and (current adj voltage adj (convert\$3 conversion))) and (clamp\$3 near3 (input adj voltage)) | USPAT | OR | ON | 2004/10/06 09:11 |
| S44 | 1 | 324/158.1.ccls. and (readout adj circuit) | USPAT | OR | OFF | 2005/02/02 11:43 |
| S45 | 1575 | (readout adj circuit) | USPAT | OR | OFF | 2005/02/02 17:19 |
| S46 | 78 | S45 and "324"/\$.ccls. | USPAT | OR | OFF | 2005/02/02 11:46 |
| S47 | 0 | S46 and (clamp\$3 with (input adj (node voltage))) | USPAT | OR | OFF | 2005/02/02 11:48 |
| S48 | 3 | S46 and (clamp\$3 with (voltage potential)) | USPAT | OR | OFF | 2005/02/02 11:51 |
| S49 | 93 | S45 and (clamp\$3 with (voltage potential)) | USPAT | OR | OFF | 2005/02/02 12:38 |
| S50 | 43 | (readout adj circuit).ti. | USPAT | OR | OFF | 2005/02/03 12:36 |
| S51 | 3 | S50 and (clamp\$3 with (voltage potential)) | USPAT | OR | OFF | 2005/02/02 14:16 |
| S52 | 0 | S50 and (mirror\$3 adj current) | USPAT | OR | ON | 2005/02/02 14:17 |

| | | | | | | |
|-----|----|--|------------------------------|----|-----|------------------|
| S53 | 0 | S45 same (mirror\$3 adj current) | USPAT | OR | ON | 2005/02/02 14:18 |
| S54 | 11 | S45 same (mirror\$3 near3 current) | USPAT | OR | ON | 2005/02/02 16:32 |
| S55 | 6 | ("3665209" "3901079" "4021707" "5600997" "5611240" "6078729" .PN. | USPAT | OR | ON | 2005/02/02 16:55 |
| S61 | 27 | S45 and (current adj mode) | USPAT | OR | ON | 2005/02/02 17:35 |
| S62 | 5 | S61 and (clamp\$3 near3 voltage) | USPAT | OR | ON | 2005/02/02 17:37 |
| S63 | 1 | S61 and (clamp\$3 near3 potential) | USPAT | OR | ON | 2005/02/02 17:36 |
| S71 | 43 | (readout adj circuit).ti. | USPAT | OR | OFF | 2005/02/03 12:42 |
| S72 | 2 | 327/53.ccls. and (readout adj circuit) | USPAT | OR | OFF | 2005/02/03 12:42 |
| S73 | 1 | ("5515003").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/13 16:48 |
| S74 | 1 | ("6384413").URPN. | USPAT | OR | OFF | 2005/04/13 16:49 |